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L2: Entry 1 of 8

File: USPT

Apr 25, 2000

US-PAT-NO: 6054304

DOCUMENT-IDENTIFIER: US 6054304 A

TITLE: .alpha.1-6 fucosyltransferase

DATE-ISSUED: April 25, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Taniguchi; Naoyuki	Toyonaka	N/A	N/A	JPX
Uozumi; Naofumi	Kobe	N/A	N/A	JPX
Shiba; Tetsuo	Toyonaka	N/A	N/A	JPX
Yanagidani; Shusaku	Ohtsu	N/A	N/A	JPX

US-CL-CURRENT: 435/193; 435/252.3, 435/254.11, 435/366, 530/412

## ABSTRACT:

Porcine- or human-derived .alpha.1-6 fucosyltransferases having the following action:

action: transferring fucose from guanosine adiphosphate-fucose to the hydroxy group at 6-position of GlcNAc closest to R of a receptor (GlcNAc.beta.1-2Man.alpha.1-6) (GlcNAc.beta.1-2Man.alpha.1-3)Man.beta.1-4GlcNAc.beta.1-4GlcNAc-R wherein R is an asparagine residue or a peptide chain carrying said residue, whereby to form (GlcNAc.beta.1-2Man.alpha.1-6) - (GlcNAc.beta.1-2Man.alpha.1-3)Man.beta.1-4GlcNAc.beta.1-4(Fuc.alpha.1-6)GlcNAc-R; a gene encoding these enzymes; an expression vector containing the gene; a transformant prepared by using this expression vector; and a method for producing a recombinant .alpha.1-6 fucosyltransferase, by culturing the transformant.

4 Claims, 6 Drawing figures Exemplary Claim Number: 1

Number of Drawing Sheets: 6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw. Desc	Image
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☐ 2. Document ID: US 6046031 A

L2: Entry 2 of 8

File: USPT

Apr 4, 2000

US-PAT-NO: 6046031

DOCUMENT-IDENTIFIER: US 6046031 A

TITLE: Metalloproteinases

DATE-ISSUED: April 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ni; Jian	Rockville	MD	N/A	N/A
Ruben; Steve	Olney	MD	N/A	N/A
Brewer; Laurie	Poolesville	MD	N/A	N/A
Gentz; Reiner	Silver Spring	MD	N/A	N/A
Rosen; Craig	Laytonsville	MD	N/A	N/A

US-CL-CURRENT: 435/69.1; 435/219, 435/226, 435/252.33, 435/320.1, 435/325,  
435/69.3, 536/23.1, 536/23.2, 536/23.5

## ABSTRACT:

The present invention relates to novel metalloproteinase-like proteins. In particular, isolated nucleic acid molecules are provided encoding the human TACE-like and matrilysin-like proteins. TACE-like and matrilysin-like polypeptides are also provided as are vectors, host cells and recombinant methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of TACE-like and matrilysin-like activity. Also provided are diagnostic methods for detecting cancer and therapeutic methods for cancer and other disorders characterized by an over or under production of these metalloproteinases.

60 Claims, 9 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
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☐ 3. Document ID: US 6043346 A

L2: Entry 3 of 8

File: USPT

Mar 28, 2000

US-PAT-NO: 6043346

DOCUMENT-IDENTIFIER: US 6043346 A

TITLE: Compositions for the treatment and diagnosis of body weight disorders, including obesity

DATE-ISSUED: March 28, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kleyn; Patrick W.	Cambridge	MA	N/A	N/A
Moore; Karen J.	Maynard	MA	N/A	N/A

US-CL-CURRENT: 530/387.9; 530/350, 530/388.2, 530/388.22, 530/388.24, 530/388.25, 530/389.1, 530/389.2, 530/389.3

## ABSTRACT:

The present invention relates to antibodies which specifically bind to mammalian tub gene products, tub peptide fragments and tub peptides produced by genetically engineered cells.

17 Claims, 29 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 6020476 A

L2: Entry 4 of 8

File: USPT

Feb 1, 2000

US-PAT-NO: 6020476

DOCUMENT-IDENTIFIER: US 6020476 A

TITLE: DAZ: a gene family associated with azoospermia

DATE-ISSUED: February 1, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Page; David C.	Winchester	MA	N/A	N/A
Reijo; Renee	Allston	MA	N/A	N/A
Saxena; Richa	Cambridge	MA	N/A	N/A
Hawkins; Trevor	Somerville	MA	N/A	N/A
Reeve; Mary Pat	Arlington	MA	N/A	N/A

US-CL-CURRENT: 536/23.5; 435/6, 536/23.1, 536/24.31, 536/24.33

## ABSTRACT:

A small family of novel genes referred to as the DAZ gene family, present in interval 6D and/or 6E of the distal portion of the long arm of the human Y chromosome and on human chromosome 3. Alteration of a DAZ gene present in interval 6D and/or 6E of the distal portion of the long arm of the human Y chromosome is associated with reduced sperm count. Methods of diagnosis and treatment utilizing a DAZ gene, and antibodies that bind to the protein encoded by said genes.

12 Claims, 39 Drawing figures Exemplary Claim Number: 1  
Number of Drawing Sheets: 39

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 6010893 A

L2: Entry 5 of 8

File: USPT

Jan 4, 2000

US-PAT-NO: 6010893

DOCUMENT-IDENTIFIER: US 6010893 A

TITLE: Process for producing human matrilysin by means of recombinant DNA

DATE-ISSUED: January 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kihira, Yasunori	Shiga-ken	N/A	N/A	JPX

US-CL-CURRENT: 435/226, 435/212, 435/219, 435/252.3, 435/252.33, 435/320.1,  
536/23.1, 536/23.2, 536/23.5

## ABSTRACT:

The present invention relates to a process for producing a human matrilysin characterized in that a human promatrilysin is expressed in E. coli and secreted into the periplasm thereof; the inclusion body is formed, the human promatrilysin is solubilized with a urea solution, purified and renatured to obtain the active enzyme (active-type matrilysin). By this process, the active human matrilysin can be easily produced from transformed E. coli.

13 Claims, 3 Drawing figures Exemplary Claim Number: 1

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 6. Document ID: US 5976840 A

L2: Entry 6 of 8

File: USPT

Nov 2, 1999

US-PAT-NO: 5976840

DOCUMENT-IDENTIFIER: US 5976840 A

TITLE: Polynucleotides encoding gluS polypeptides of streptococcal pneumoniae

DATE-ISSUED: November 2, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jaworski; Deborah D.	Norristown	PA	N/A	N/A
Lawlor; Elizabeth J.	Sleaford	N/A	N/A	GBX
Wang; Min	Blue Bell	PA	N/A	N/A

US-CL-CURRENT: 435/69.3; 435/252.3, 435/320.1, 435/325, 435/70.1, 435/71.1,  
536/23.1, 536/23.7

## ABSTRACT:

The invention provides gluS polypeptides and DNA (RNA) encoding gluS polypeptides and methods for producing such polypeptides by recombinant techniques. Also provided are methods for utilizing gluS polypeptides to screen for antibacterial compounds.

21 Claims, 0 Drawing figures Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 7. Document ID: US 5958734 A

L2: Entry 7 of 8

File: USPT

Sep 28, 1999

US-PAT-NO: 5958734

DOCUMENT-IDENTIFIER: US 5958734 A

TITLE: Polynucleotides encoding gluS polypeptides of streptococcus pneumoniae

DATE-ISSUED: September 28, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lawlor; Elizabeth Jane	Malvern	PA	N/A	N/A

US-CL-CURRENT: 435/69.3; 435/252.3, 435/320.1, 435/325, 435/70.1, 435/71.1,  
536/23.1, 536/23.7

## ABSTRACT:

The invention provides gluS polypeptides and DNA (RNA) encoding gluS polypeptides and methods for producing such polypeptides by recombinant techniques. Also provided are methods for utilizing gluS polypeptides to screen for antibacterial compounds.

21 Claims, 0 Drawing figures Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 8. Document ID: US 5217953 A

L2: Entry 8 of 8

File: USPT

Jun 8, 1993

US-PAT-NO: 5217953

DOCUMENT-IDENTIFIER: US 5217953 A

TITLE: Vasoactive intestinal peptide antagonist

DATE-ISSUED: June 8, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gozes; Illana	Ramat Hasharon	N/A	N/A	ILX
Brenneman; Douglas E.	Damascus	MD	N/A	N/A
Fridkin; Mati M.	Rehovot	N/A	N/A	ILX
Moody; Terry	Monrovia	MD	N/A	N/A

US-CL-CURRENT: 514/12; 514/2, 530/324, 530/325, 930/170, 930/DIG.800, 930/DIG.820, 930/DIG.821

## ABSTRACT:

The present invention relates to a peptide encoding an antagonist of VIP. The invention also relates to a method of using said peptide to antagonize VIP function. The invention further relates to a pharmaceutical composition.

3 Claims, 13 Drawing figures Exemplary Claim Number: 1

Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Drawl Desc	Image
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